

**CALIFORNIA AIR RESOURCES BOARD
MONTHLY QUALITY MAINTENANCE CHECK SHEET
TECO MODEL 43C, SO2 ANALYZER**

Location: _____ Month/Year: _____
 Station Number: _____ Technician: _____
 Property Number: _____ Agency: _____

Test Parameters		Readings			
	DAILY CHECKS DATE:				
TIME	Current Time (± 1 min)				
GAS RANGE	500 PPB				
AVG TIME	60 secs.				
SO2 BKG PPB	No change between cals				
SO2 COEFF	No change between cals				
T/P CORRECTION	Both "ON"				
PMT V	Track for deterioration				
LAMP V	>600, < 1000				
+ 5 SUPPLY V	$5.0 \pm 10\%$				
+15 SUPPLY V	$15.0 \pm 10\%$				
-15 SUPPLY V	$-15.0 \pm 10\%$				
BATTERY V	$3.0 \pm 10\%$				
INTERNAL TEMP	>15 < 45 C				
CHAMBER TEMP	>43 < 47 C				
PRESSURE	> 400 < 1000 mmHg				
FLOW LPM	>350 < 650 cfm				
LAMP INTENSITY	>20000 < 50000 Hz				
ALARMS	None				

OPERATOR INSTRUCTIONS:

- Daily checks: Review data and strip charts.
- Weekly Checks: Record test parameters.
 Change inline particulate filter: Date _____ / _____ / _____ / _____
- Semi-Annual: Clean fan filter and inside of instrument
 Clean or replace capillary and o-ring.
 Calibrate analyzer.
 Measure true flow.
 Date last performed: _____
 Date last performed: _____
 Date last calibrated: _____
 Display: _____ Actual: _____

Date	Comments or Maintenance Performed:

Reviewed by: _____ Date: _____